

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 08-079161

(43)Date of publication of application : 22.03.1996

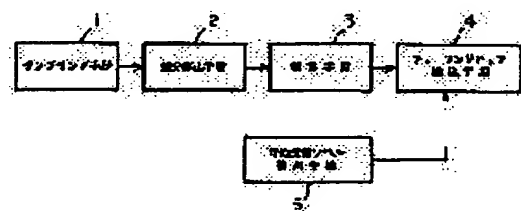
(51)Int.Cl. H04B 7/26
H04L 1/02

(21)Application number : 06-212553 (71)Applicant : FUJITSU LTD
N T T IDO TSUSHINMO KK
(22)Date of filing : 06.09.1994 (72)Inventor : OBUCHI KAZUCHIKA
NAKAMURA TAKAHARU
KAWABATA KAZUO
SUDA KENJI
TAKAMI TADAO

(54) FADING PITCH ESTIMATION DEVICE

(57)Abstract:

PURPOSE: To provide a fading pitch estimation device which can improve its detection accuracy of the fading pitch in a mobile communication system.
CONSTITUTION: A sampling means 1 samples the receiving levels of received signals in each prescribed cycle, and a difference calculation means 2 calculates the difference between the sampled receiving levels. An integration means 3 integrates the calculated differences in a prescribed period of time to obtain the integration value. It is already known that the integration value of differences calculated between those sampled receiving levels has the correlation with the fading pitch value. Thus a fading pitch estimation means 4 converts the integration value into a fading pitch based on the correlation. As this integration value sensitively changes in response to the value of the preceding difference, the detection accuracy of the fading pitch is improved compared with the conventional method that is insensitive to the difference value.



LEGAL STATUS

[Date of request for examination] 02.12.1997

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number] 2953959

[Date of registration] 16.07.1999